

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A heat-curable thixotropic mixture containing allophanate groups; comprising
 - (A) at least one oligomer and/or polymer selected from the group consisting of oligomers and polymers that contains at least one allophanate groups and/or contains at least one carbamate group and at least one allophanate groups, and
 - (B) at least one thixotropic agent selected from the group consisting of comprising a urea or a urea derivatives preivable prepared by reacting at least one amine and/or water with at least one polyisocyanate.
2. (Currently Amended) The mixture as claimed in of claim 1, which is comprising wherein the at least one oligomers and/or polymers (A) containing at least one allophanate groups and further comprises a thixotropic agent (C) comprising at least one silica as thixotropic agent (C).
3. (Currently Amended) The mixture as claimed in of claim 1 or 2, further comprising(D) at least one wetting agent.
4. (Currently Amended) The mixture as claimed in any of claims 1 to 3, wherein the oligomers and polymers (A) are selected from the group consisting of random, alternating and block, linear and branched and comb, addition (co)polymers of ethylenically unsaturated monomers, polyaddition resins and polycondensation resins at least one of the oligomer and the polymer are each at least one of an addition (co)polymer of at least one ethylenically unsaturated monomer, a polyaddition resin, and a polycondensation resin, wherein the addition (co)polymer is at least one of a random (co)polymer, an alternating (co)polymer, and a block (co)polymer, and wherein the addition (co)polymer is at least one of linear, branched, and comb.
5. (Currently Amended) The mixture as claimed in of claim 4, wherein the addition (co)polymers (A) are selected from the group consisting of (meth)acrylate copolymers and polyvinyl esters, and the polyaddition resins and polycondensation resins are each selected from the group consisting of polyesters, alkyds,

polyurethanes, polylactones, polycarbonates, polyethers, epoxy resin-amine adducts, polyureas, polyamides, and polyimides.

6. (Currently Amended) The mixture ~~as claimed in any of claims 1-to-5~~, wherein the at least one amines areis selected from the group consisting of acyclic aliphatic amines, aliphatic-aromatic amines, cycloaliphatic amines, aliphatic-cycloaliphatic amines, and cycloaliphatic-aromatic amines, wherein the at least one amine is a primary monoamine andor a secondary monoamines.
7. (Currently Amended) The mixture ~~as claimed in of claim 6~~, wherein the monoamines areis selected from the group consisting of methoxypropylamine, benzylamine, and n-hexylamine.
8. (Currently Amended) The mixture ~~as claimed in any of claims 1-to-7~~, wherein the at least one polyisocyanates contains on average per molecule at least 1.8 isocyanate groups.
9. (Currently Amended) The mixture ~~as claimed in any of claims 1-to-8~~, wherein the at least one polyisocyanates areis selected from the group consisting of hexamethylene diisocyanate and its oligomers.
10. (Currently Amended) The mixture ~~as claimed in any of claims 1-to-92~~, wherein the silicas areis a transparent silica selected from the group consisting of modified pyrogenic silicas, hydrophilic silicas, and hydrophobic silicas, transparent silicas.
11. (Currently Amended) The mixture ~~as claimed in any of claims 3-to-10~~, wherein the at least one wetting agents (D) areis selected from the group consisting of siloxanes, fluorine compounds, carboxylic half-esters, phosphates, polyacrylic acids, and their copolymers of polyacrylic acids, and polyurethanes.
12. (Currently Amended) The mixture ~~as claimed in any of claims 1-to-11~~, further comprising at least one crosslinking agent containing on average per molecule at least two reactive functional groups which are complementary to allophanate groups.

13. (Currently Amended) The mixture ~~as claimed in any of claims 1 to 12~~, wherein the at least one of the oligomers and the polymers (A) each contain on average per molecule at least one reactive functional group which is complementary to carbamate groups and allophanate groups.

14. (Currently Amended) The mixture ~~as claimed in~~ of claim 12 or 13, wherein the complementary reactive functional groups are selected from the group consisting of N-methylol groups and N-methylol ether groups.

15. (Currently Amended) The mixture ~~as claimed in any of claims 1 to 14~~, further comprising further crosslinking agents selected from the group consisting of the blocked polyisocyanates, partially-blocked polyisocyanates, and unblocked polyisocyanates.

16. (Currently Amended) A process for preparing ~~the~~ heat-curable thixotropic mixture ~~containing carbamate and/or allophanate groups as claimed in any of claims 1 to 15 by comprising~~

I) mixing of the constituents at least one oligomer and/or polymer (A) and the thixotropic agent (B), and optionally a silica or (A), (B) and (C), which comprises or

II) preparing the thixotropic agent (B) by reacting the at least one amine with the at least one polyisocyanate in the presence of the at least one oligomer and/or polymer (A), and optionally mixing in a silica.

17. (Currently Amended) The use of a heat curable thixotropic mixture containing carbamate and/or allophanate groups as claimed in any of claims 1 to 15 as, wherein the mixture is one of a coating material, an adhesive, or a sealing compound.

18. (Currently Amended) The use as claimed inmaterial of claim 17, wherein the coating material is used as a clearcoat material.

19. (Currently Amended) The use as claimed inA method comprising applying the mixture of claim 17 or 18, wherein the coating material, adhesive or sealing compound is used in the fields of to a substrate and forming one of an automotive

OEM finishing, an automotive refinish, the coating of a buildings coating, inside and out, the coating of a furniture coating, a windows coating, and a doors coating, and an industrial coating, including a coil coating, a container coating, the an electrical component impregnation, or coating of an electrical components coating, and the coating of or a white goods coating, including domestic appliances, boilers and radiators.